

SOUTH PRODUCTION NOTES

March 10, 2016

3-11 Shift Notes

BASF EMPLOYEES

104 Last Recordable

171 Last Lost time

SAFETY Notes: Check the walkways for ice and treat with icemelt. Need to remind operators that Styrene material on line #2 can't be washed down the drain. Building 31 sump currently shut off.

Title V Notes: Trimer – We need to fire up the trimer as soon as we get it back. The Area around the trimer needs danger tape put up and tagged.

CTO – Bypass damper assembly needs to be adjusted when available.

F-1 Scrubber – Only sample scrubber and sump once per day (1st shift).

Sly Scrubber – Need to perform PM sampling once a day (2nd shift).

#1 MED / AI-3945:

We can start back up after we get a few bags fed to the calciner.

When we start back up we need to keep the extruder speed between 20-25 per the engineer. We have been getting the best lab results that way. Make sure we are greasing end seals.

Don't get too far ahead of the calciner.

#1 RC / AI 3945:

Calciner needs a walk thru and started once the trimer is online.

#2 MED line / Styrene:

Continue. Save raw material bags marked CR until dayshift batches so Justin can observe. Need 3 to 4 scoops of wet mix in each batch to try and use up the few drums on the 3rd floor.

Do not leave cardboard on the used pallets.

Continue to feed recently run bags to the calciner. We do not need to go in bag order Justin would just like to get results on what we are currently making as we build feed.

Justin would like us to continue to get ahead of the calciner by as many bags as possible. We have raws for 90ish batches. We will then cut in with another extruded product while finishing the calcining of Styrene.

At the beginning of every shift, the mix operator should open the mixer, check the discharge valve to make sure it's open, check the chute to make sure it's not glazed over, and check the injectors.

Make sure wet mix goes into white top drums. Water addition has been raised to 85 lbs.

Do not wash Styrene down the drain – contains moly.

#2 RC/ Styrene:

Continue to feed recently run bags to the calciner. We do not need to go in bag order Justin would just like to get results on what we are currently making as we build feed.

Make sure that all fines/oversized drums are white top drums – due to the weight of the product and use of dry ice. The Floor CRT will need to take a sample out of the F1 scrubber and sump in B31 to wastewater once a day. Before unlocking building 31 sump WWTP will test these samples for moly and if the sump is low, we can unlock and send to WWTP. At all other times the west sump will remain locked out.

Need to remind operators that Styrene material can't be washed down the drain.

#3 MED line / D-0717:

We have been given approval to continue to make batches. Start as soon as able.

Diverter valve, air, to hopper have been locked out. Will need to be unlocked when ok'ed to run.

Make sure we are greasing end seals once per shift..

#3 RC / D-0717:

Cleanup sheet completed. Touched up a few spots on day shift. Verify cutter is clean and then start bringing up temps.

Feed in batch order and fill out calciner feed sheets.

#4 RC / D-0222:

Was not lit because currently RC #1 and #5 are planned to exhaust to Trimer.

When we resume running keep an eye on the oversize screen (blinding over).

Oversize screen has been changed over to 2 mesh per Andrea.

Remember that your feed rate is not only based on the syntron settings but also the amount of fines and oversized material coming off the calciner. If the feed rate is dropping check the screener first to see if it is blinded over.

Keep a close eye on the temps and feed rate, we have been underfiring material.

Feed oversize into a bag and keep for refeeds later in the run.

#5 RC / Cu 0539 then 5020 then 6081:

Lit and coming up to temp. Once it is up to temp need to feed the two north end products. Cu 0539 and cu 5020 for NOx testing. This is the number one priority. Feed Hopper should not be filled past 2ish feet below the top to allow room for blowdowns.

HEPA filter was last changed out 2-25-16 on midnight shift.

#6 RC & Dryer / D-1781 LAQ:

Per Bodman clean up is good enough. Get buttoned back up and get lit on afternoons.

West Pfaudler / D- 0222:

We are out of AI-3945 base. LOT 191 is being TDR'ed and when it is in pass on the system we can make a few more batches. Once it is done we can start making batches.

Should be making at least 2 batches per shift.

East Pfaudler/ Clean for 1781 LAQ:

Started making the first batch on first shift. Continue.

6 Tank: D-0222 solution:

Holding until running again and or scaffolding is out of the way

7 Tank: D-0222 Solution:

Approved. Watch temperature. Steam is back on. Please add 200 gal of water to the tank.

National Dryer / D-0222:

Feed as material is available.

PK Blender / 4011 4010 next:

We would like to power wash out the PK to see if we get a bunch more lining off, but the power washer does not work. W.O.W.

Need to make sure that the building is being cleaned up!

Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down. DC gauge has been added to Wonderware and has been moved over to near the weigh tank. Gauge should be set at 3.5 and 4.25.

Abbe Blender / D 5206:

HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.

Tower 3 / 1155:

On hold until screener is back online.

Tower 6 / Cu-1155:

On hold until screener is back online.

North Screener /Cu-1155:

Screener is set up for Cu-1155. Holding for engineering

South Screener /Cu-1155:

Given ok to start screening.

#2662 (west) Pill Machine /

Back together and holding.

#2664 (east) Pill Machine /

Back together and holding.

TK #2 / Zr-0404:

Done. Blowers have been turned off and kiln is down.

Leave the saggars on - we don't know what product we will be going to next.

TK #4 / Cu-2508 DONE, X-540 next:

Blowers have been turned off and kiln is down. Clean and swap out saggars when time permits. Need MOD.

Had issues with the hydraulic system kicking out, and also the screener. Also noticed it is operating at a lower than normal pressure - WOW. Area has been deregulated.

Harrop Kiln / Al-4196:

Continue to run. Work on hand picking of Al4196 drum as time permits. WOW for #4 blower not working.

Building 27 Belt Filter / Cu 5020:

Holding off on starting up.

Maintenance is currently doing repairs to the belt and will let us know when they are finished.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

PRIORITIES:

- 1) East Pfaudler/#6 RC
- 2) West Pfaudler/Nat'l Dryer/#4RC/Trimer
- 3) #1 MED/RC
- 4) #3 MED/RC/CTO
- 5) #2 RC South
- 6) Screening of E-406 TR
- 7) South Precip/Dry
- 8) #5 RC
- 9) #2 MED (this moves up if we start to run out of feed to supply #2 RC South)

10) Harrop Kiln